

SEQUENCE LISTING

<110> Toni R. Prezant (Inventor)
Shlomo Melmed (Inventor)
Anthony P. Heaney (Inventor)

<120> METHOD OF REGULATING BIOLOGICAL ACTIVITY
OF PITUITARY TUMOR TRANSFORMING GENE (PTTG)1 USING PTTG2

<130> 18810-81401

<140> US UNASSIGNED

<141> 2001-05-11

<150> US 09/777,422

<151> 2001-02-05

<150> US 09/730,469

<151> 2000-12-04

<150> US 09/687,911

<151> 2000-10-13

<150> US 09/569,956

<151> 2000-05-12

<150> US 08/894,251

<151> 1999-07-23

<150> PCT/US86/21463

<151> 1997-11-21

<150> US 60/031,338

<151> 1996-11-21

<160> 68

<170> FastSEQ for Windows Version 4.0

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<212> DNA

<213> Rattus rattus

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gcgtttatga ccctggcgtg aagatttaag gtctggatta agcctgttga cttctccagc 180
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FASTSEQ "92E4360


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gccctctcca ccatgggaat ccaatctgtt gcagtctcct tcaagcattc tgtcgaccct 660
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<213> Homo sapiens

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Lys Ala Leu Asp Gly Arg Ser Gln Val Ser Thr Pro Arg Phe Gly Lys
      35             40             45
Thr Phe Asp Ala Pro Pro Ala Leu Pro Lys Ala Thr Arg Lys Ala Leu
      50             55             60
Gly Thr Val Asn Arg Ala Thr Glu Lys Ser Val Lys Thr Lys Gly Pro
      65             70             75             80
Leu Lys Gln Lys Gln Pro Ser Phe Ser Ala Lys Lys Met Thr Glu Lys
      85             90             95
Thr Val Lys Ala Lys Ser Ser Val Pro Ala Ser Asp Asp Ala Tyr Pro
      100            105            110
Glu Ile Glu Lys Phe Phe Pro Phe Asn Pro Leu Asp Phe Glu Ser Phe
      115            120            125
Asp Leu Pro Glu Glu His Gln Ile Ala His Leu Pro Leu Ser Gly Val
      130            135            140
Pro Leu Met Ile Leu Asp Glu Glu Arg Glu Leu Glu Lys Leu Phe Gln
      145            150            155            160
Leu Gly Pro Pro Ser Pro Val Lys Met Pro Ser Pro Pro Trp Glu Ser
      165            170            175
Asn Leu Leu Gln Ser Pro Ser Ser Ile Leu Ser Thr Leu Asp Val Glu
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Leu Pro Pro Val Cys Cys Asp Ile Asp Ile
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<210> 5
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<220>
<223> Synthetic oligonucleotide.

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080426 051101

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<400> 6
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<210> 7
<211> 32
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<213> Artificial Sequence

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<223> Synthetic oligonucleotide specific to pCI-neo
plasmid. vector.

<400> 7
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<210> 8
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<213> Homo sapiens

<400> 8
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<210> 9
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<212> PRT
<213> Homo sapiens

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Leu Gln Ser Pro Ser Ser Ile Leu Ser Thr Leu Asp Val Glu Leu Pro
35 40 45
Pro Val Cys Cys Asp Ile Asp Ile
50 55

<210> 10
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<212> DNA
<213> Homo sapiens

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tcgaccttgg atgttgaatt gccacctgtt tgctgtgaca tagatatt 168

<210> 11
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Anchored primer sequence.

<400> 11
aagctttttt tttttg 16

<210> 12
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Arbitrary primer sequence.

<400> 12
aagcttgctg ctc 13

<210> 13
<211> 16
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<213> Artificial Sequence

<220>
<223> n = a, g, or c; Anchored primer sequence.

<400> 13
aagctttttt tttttt 16

<210> 14
<211> 194
<212> PRT
<213> Mus musculus

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35 40 45
Asn Ala Pro Ala Val Pro Lys Ala Ser Arg Lys Ala Leu Gly Thr Val
50 55 60
Asn Arg Val Ala Glu Lys Pro Met Lys Thr Gly Lys Pro Leu Gln Pro
65 70 75 80
Lys Gln Pro Thr Leu Thr Gly Lys Lys Ile Thr Glu Lys Ser Thr Lys

0904396 051101

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Lys	Phe	Phe	Pro	Phe	Asn	Pro	Leu	Asp	Phe	Asp	Leu	Pro	Glu	Glu	His				
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Gln	Ile	Ser	Leu	Leu	Pro	Leu	Asn	Gly	Val	Pro	Leu	Ile	Thr	Leu	Asn				
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Glu	Glu	Arg	Gly	Leu	Glu	Lys	Leu	Leu	His	Leu	Gly	Pro	Pro	Ser	Pro				
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Asp	Ile																		

<210> 15
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 tctaaggatg ggttgaagct gggcactggg gtcaaggcct tagatgggaa attgcagggt 420
 tcaacgcctc gagtcggcaa agtgttcaat gctccagccg tgcctaaagc cagcagaaag 480
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<210> 16
 <211> 56
 <212> PRT
 <213> Rattus rattus

<400> 16
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 1 5 10 15
 Pro Pro Ser Pro Leu Gln Lys Pro Phe Leu Pro Trp Glu Ser Asp Pro
 20 25 30
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 35 40 45
 Pro Val Cys Tyr Asp Ala Asp Ile
 50 55

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<210> 18
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<212> DNA
<213> Rattus rattus
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<211> 168
<212> DNA
<213> Mus musculus
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<210> 23
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<220>
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<400> 30
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24

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<213> Homo sapiens

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<213> Homo sapiens

<400> 63
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000426-05101

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Lys Ala Leu	Asp Gly Ile Ser Gln Val Leu Thr	Pro Arg Phe Gly Lys	
	35	40	45
Thr Tyr Asp	Ala Pro Ser Ala Leu Pro Lys Ala	Thr Arg Lys Ala Leu	
	50	55	60
Gly Thr Val	Asn Arg Ala Thr Glu Lys Ser Val	Lys Thr Asn Gly Pro	
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Arg Lys Gln	Lys Gln Pro Ser Phe Ser Ala Lys	Lys Met Thr Glu Lys	
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Thr Val Lys	Thr Lys Ser Ser Val Pro Ala Ser	Asp Asp Ala Tyr Pro	
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Glu Ile Glu	Lys Phe Phe Pro Phe Asn Leu Leu	Asp Phe Glu Ser Phe	
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Asp Leu Pro	Glu Glu Arg Gln Ile Ala His Leu	Pro Leu Ser Gly Val	
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Pro Leu Met	Ile Leu Asp Glu Glu Gly Glu Leu	Glu Lys Leu Phe Gln	
145	150	155	160
Leu Gly Pro	Pro Ser Pro Val Lys Met Pro Ser	Pro Pro Trp Glu Cys	
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Asn Leu Phe	Ala Val Ser Phe Lys His Ser Val	Asp Pro Gly Cys	
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